

1/20

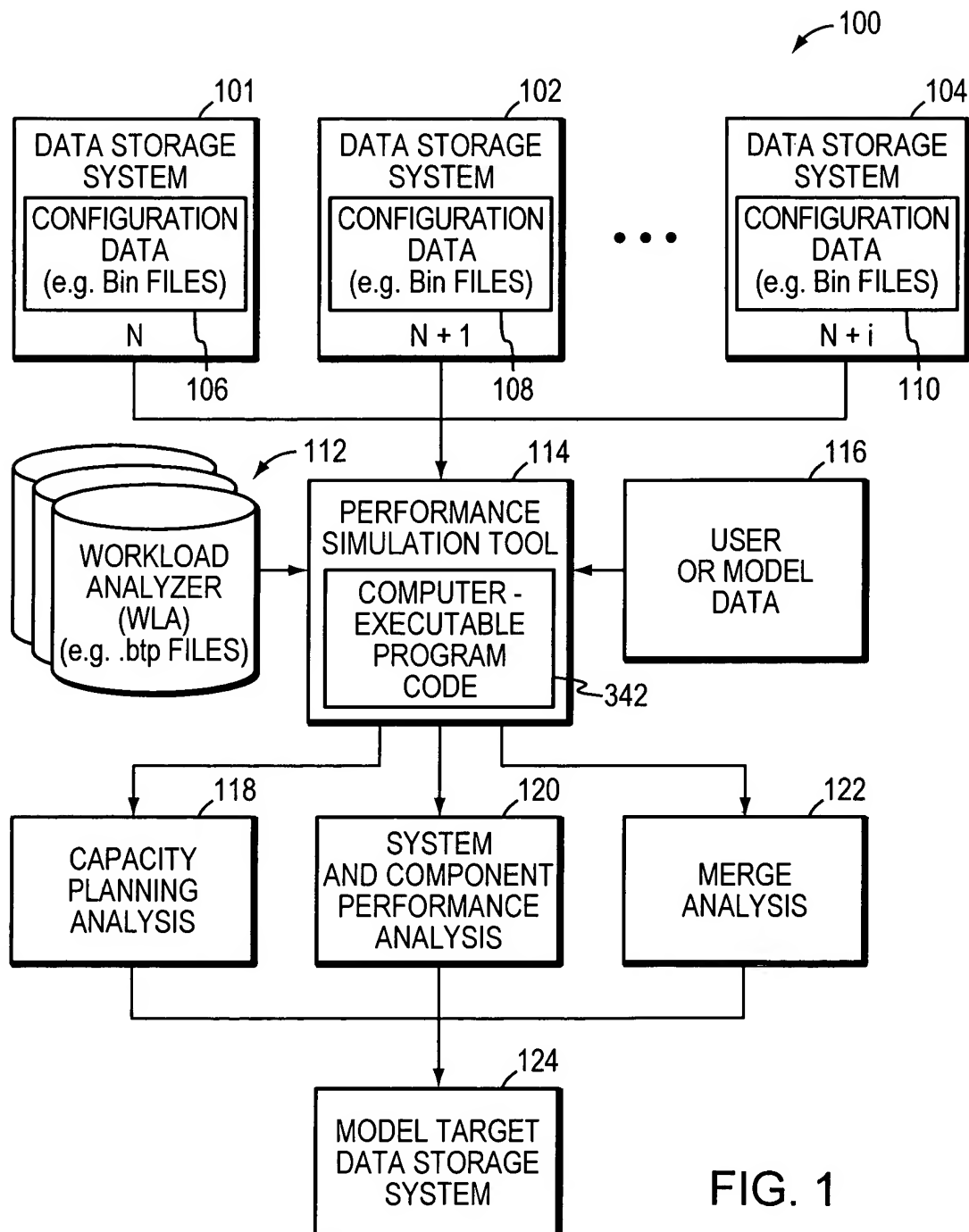


FIG. 1

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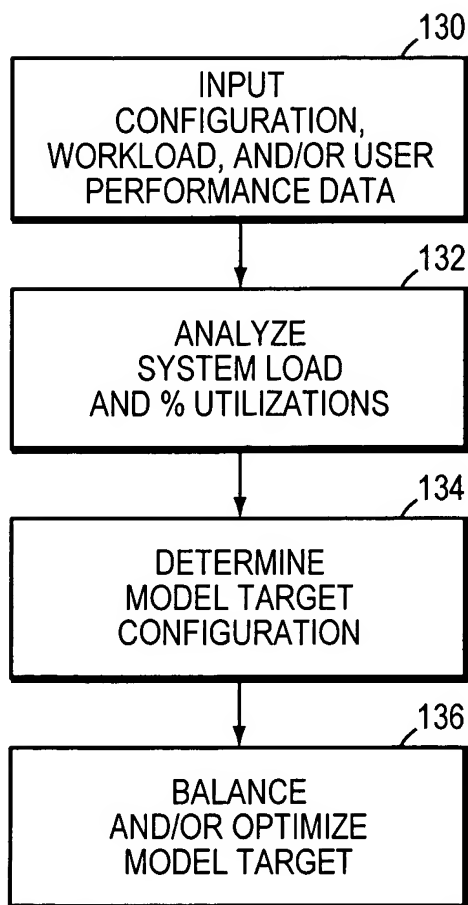


FIG. 2

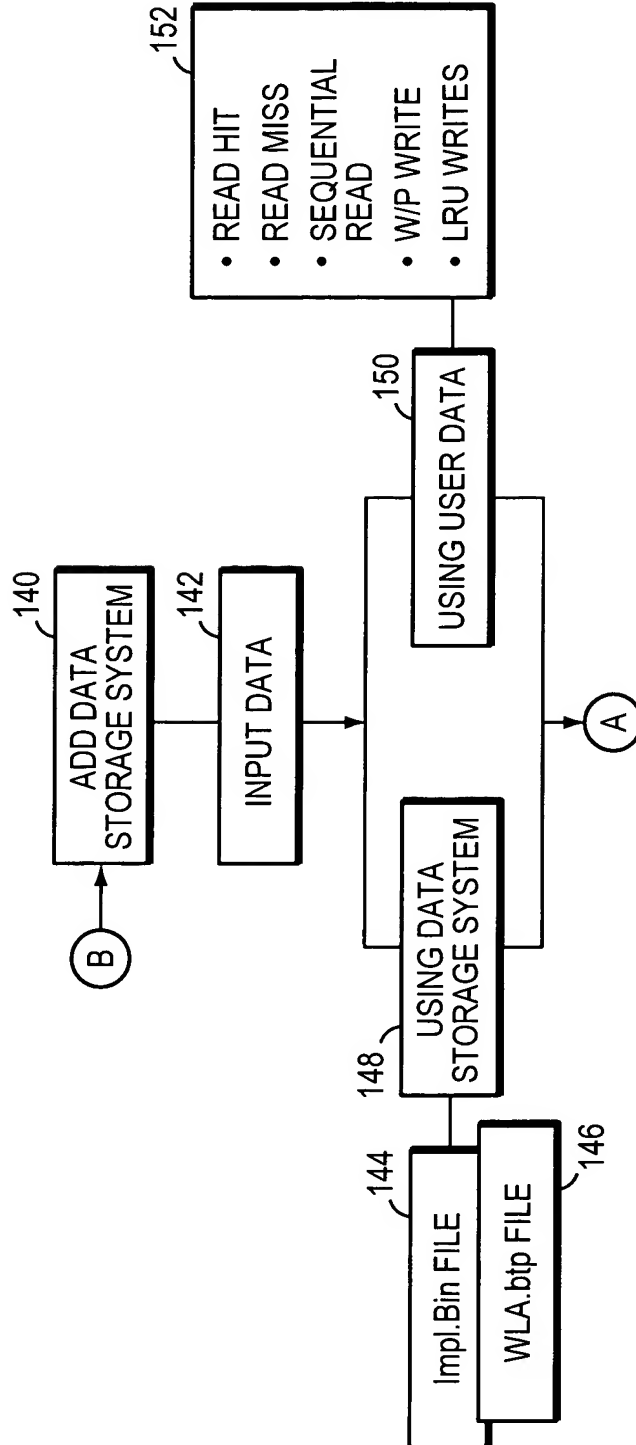


FIG. 3

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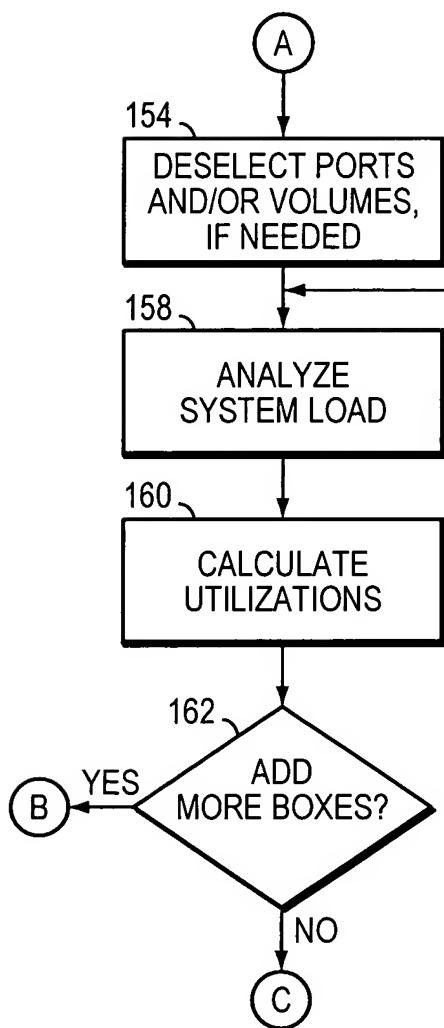


FIG. 4

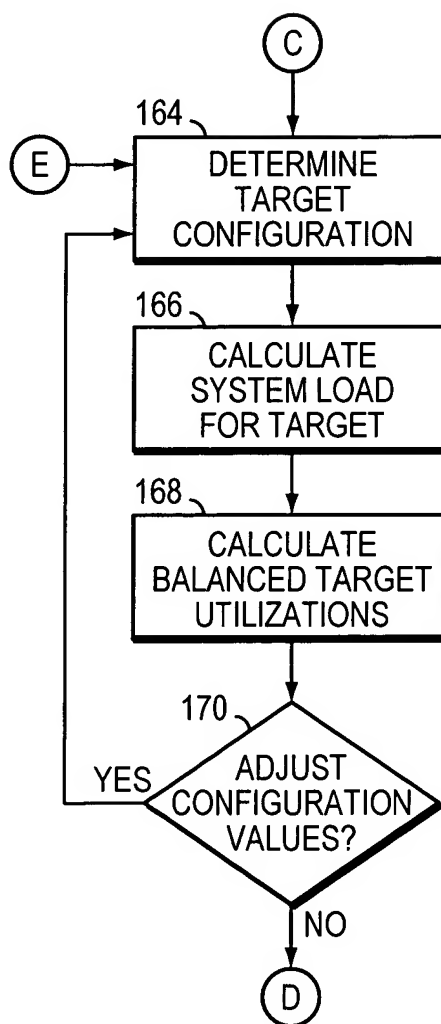


FIG. 5

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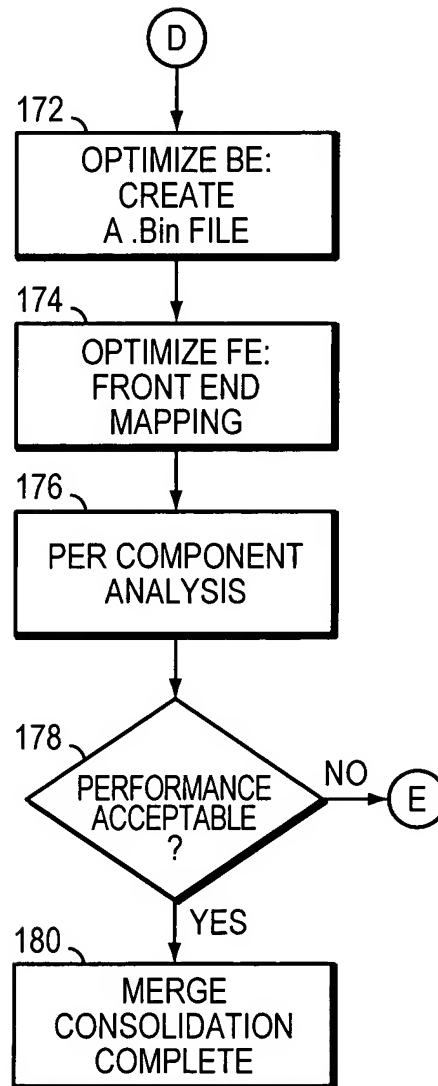


FIG. 6

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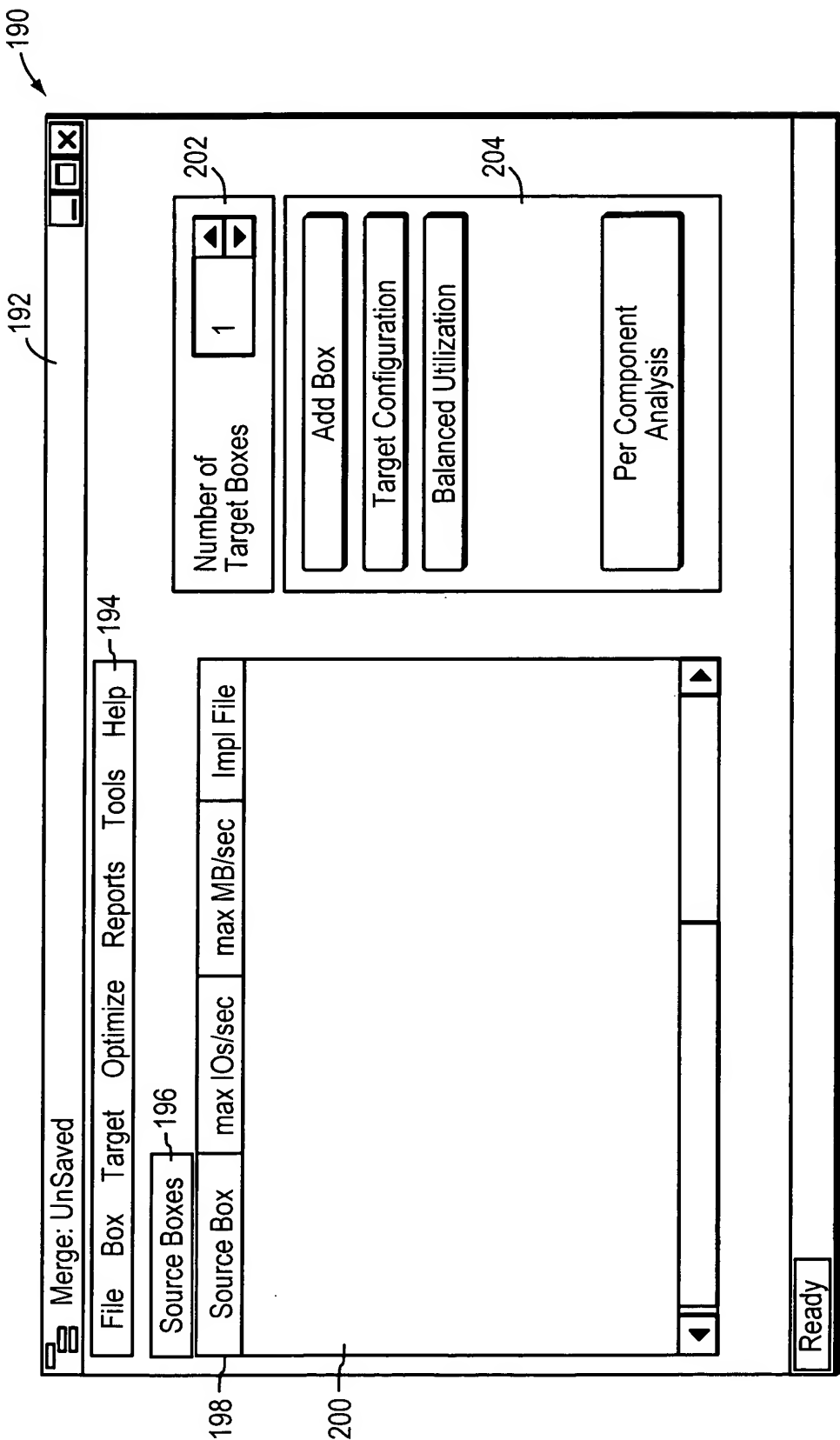


FIG. 7

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206

208

BOX_1

210 Options

212 Balanced Per Component 216

Channels

+	✓	FA	03AA
+	✓	FA	03BB
+	✓	FA	04AB
+	✓	FA	04BA
+	✓	FA	13AA
+	✓	FA	13BA
+	✓	FA	14AB
+	✓	FA	14BB
+	✓	FA	03AB
+	✓	FA	03BA
+	✓	FA	04AA
+	✓	FA	04BB
+	✓	FA	13AB
+	✓	FA	13BB
+	✓	FA	14AA
+	✓	FA	14BA

213

218

Symm Data User Data

☒ ☐

example_35791.BIN

Load Impl.bin

Load WLA.btp file

Calculate System Load

Analyze/Load

Enter User Data

Configuration

Utilization

Growth Factor 10%

214 Ready Next Load WLA BTP File

FIG. 8

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220

222

Configuration

Complete Active 226

Box version	6330.....	# BE boards	4
# FE boards	4	BE port type	SCS12
FE port type	FIBRE	# BE CPUs	8
# FE CPUs	8	# BE ports	16
# FE ports	16	# LRU locks	4
# memory boards	2	disk type	Cheel73
# memory areas in board	4	disk size	73
# busses	4	# disks	144
		# LV	576

Box type ☒ 5x ☐ 4.8

OK Cancel

224

FIG. 9

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220

Configuration

Complete

Active

Box version

6830 Coyote

FE boards

4

FE port type

FIBRE

FE CPUs

6

FE ports

16

memory boards

2

memory areas in board

1

busses

2

Box type

☐ 5x ☒ 4.8

BE boards

4

BE port type

SCSI

BE CPUs

8

BE ports

16

LRU locks

1

disk type

Cheel73

disk size

73

disks

144

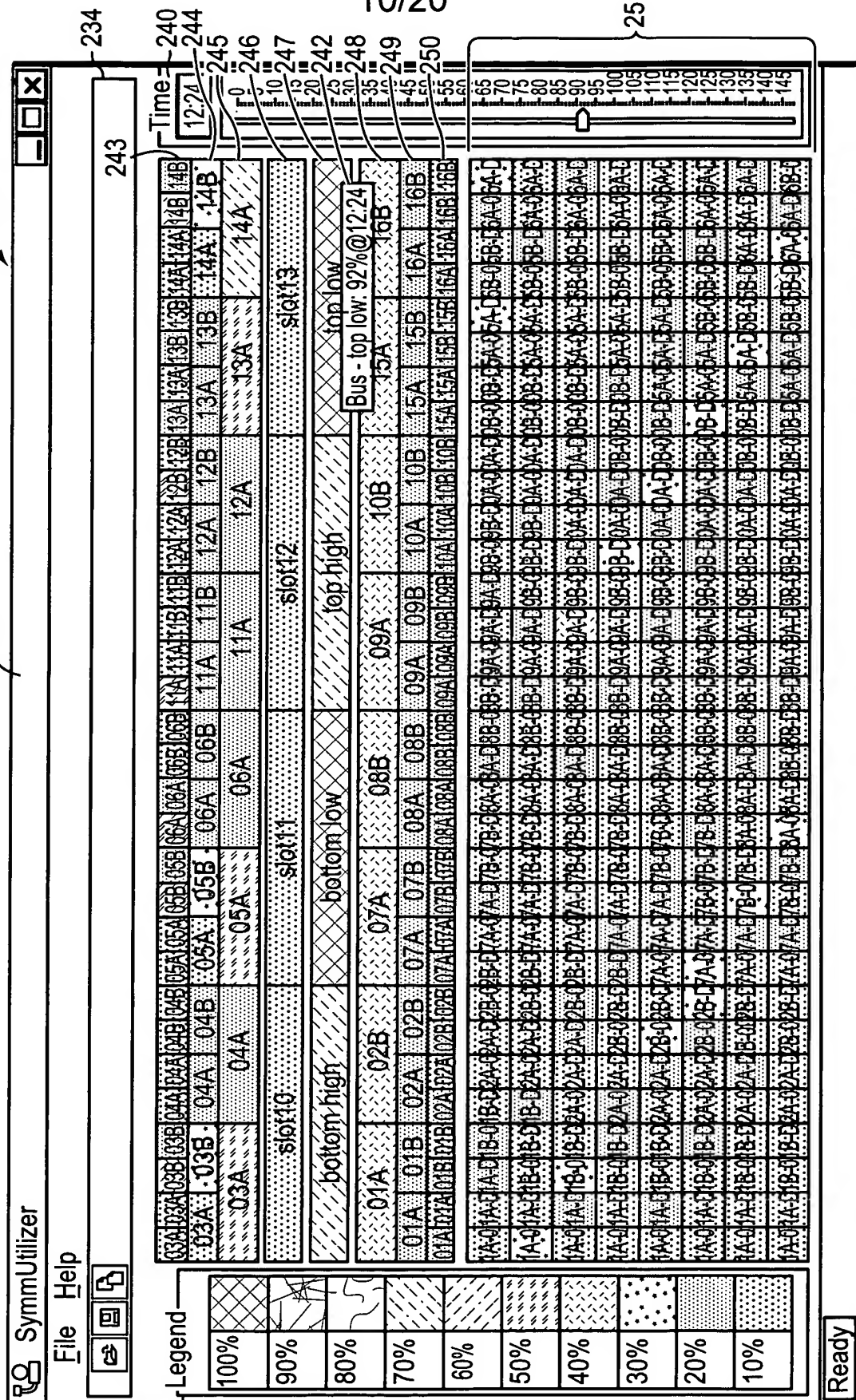
LV

514

OK

Cancel

FIG. 10



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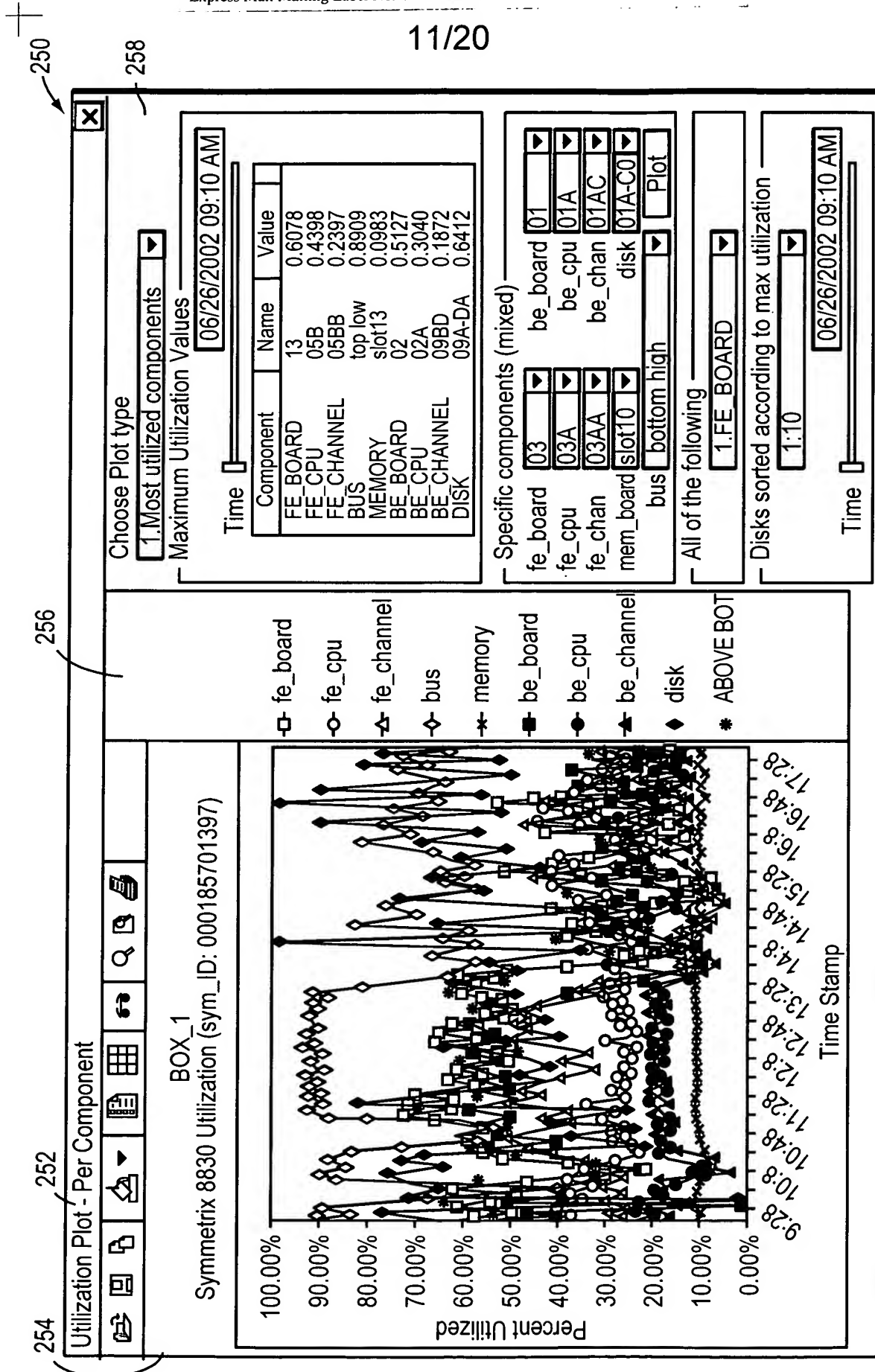


FIG. 12

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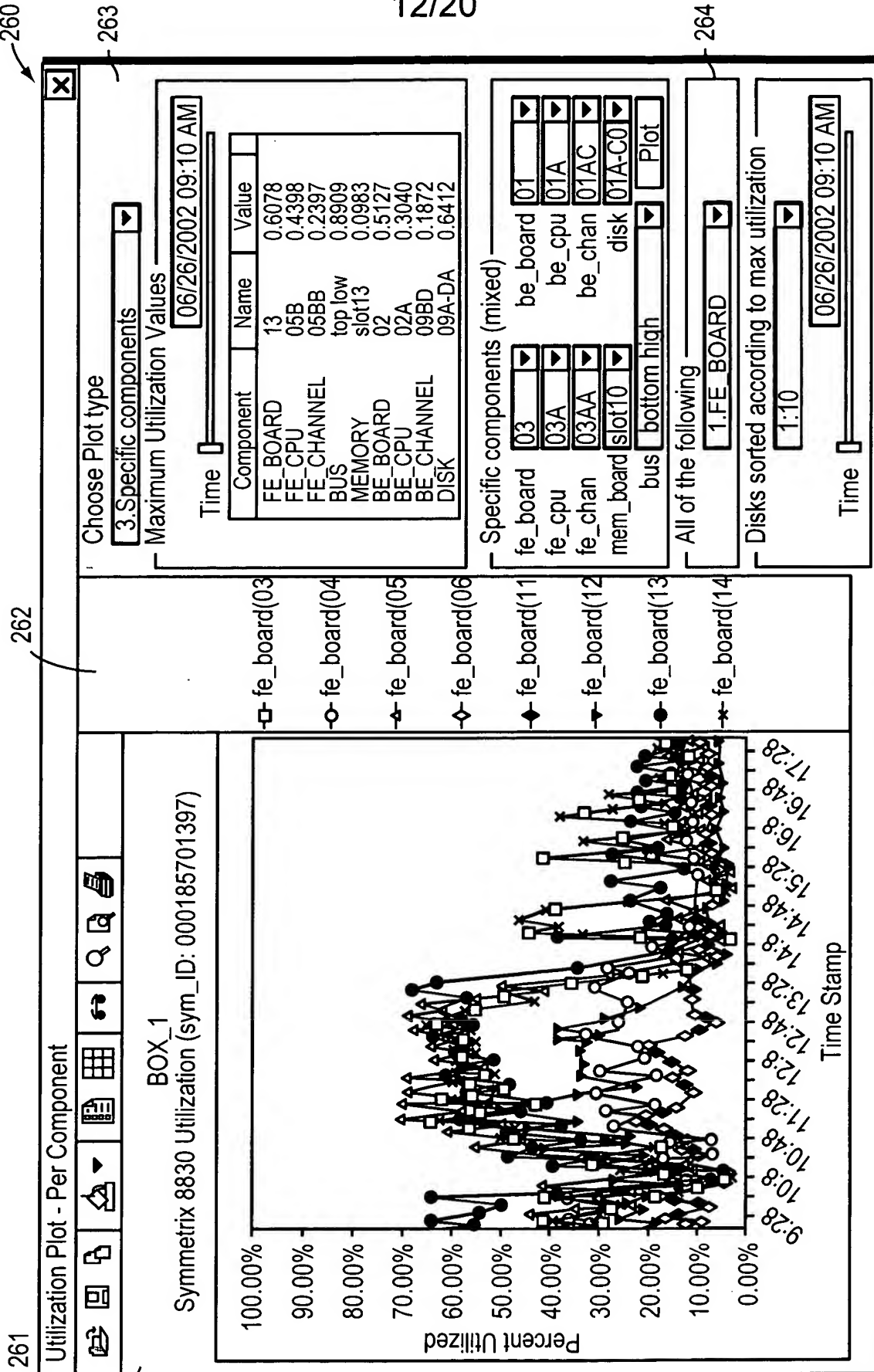


FIG. 13

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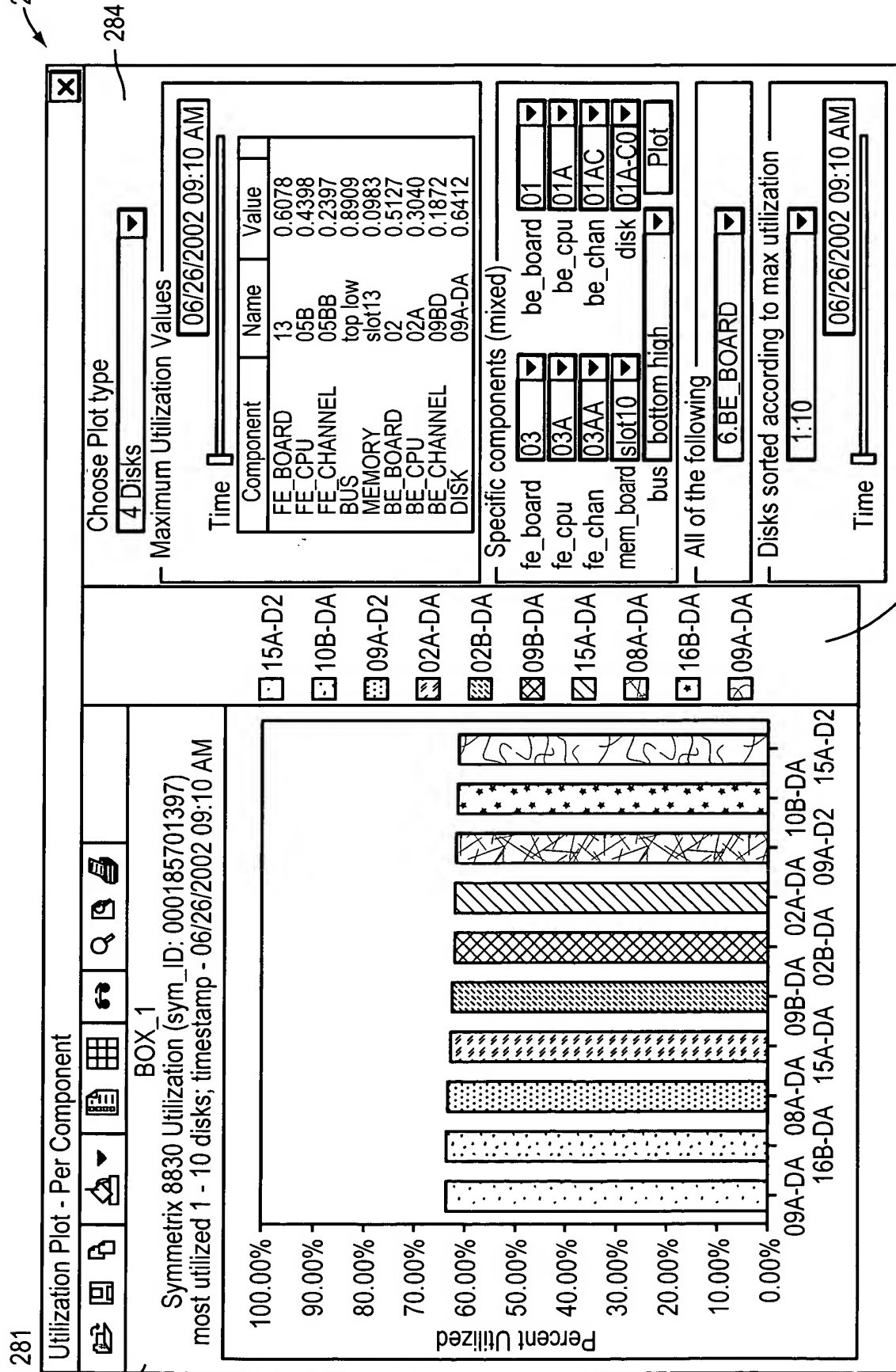


FIG. 14

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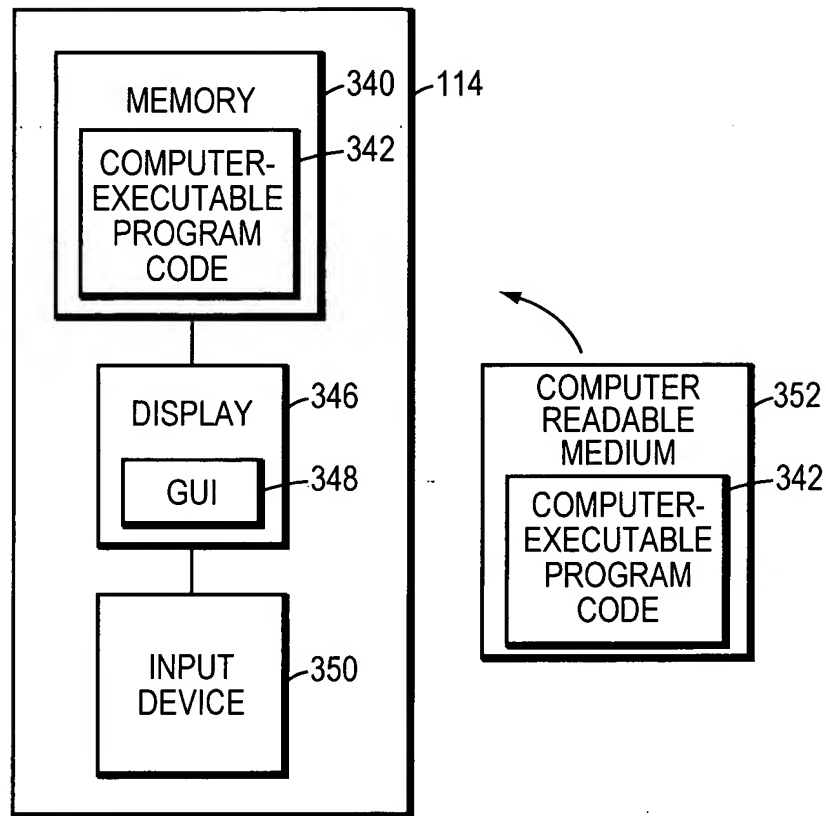


FIG. 15

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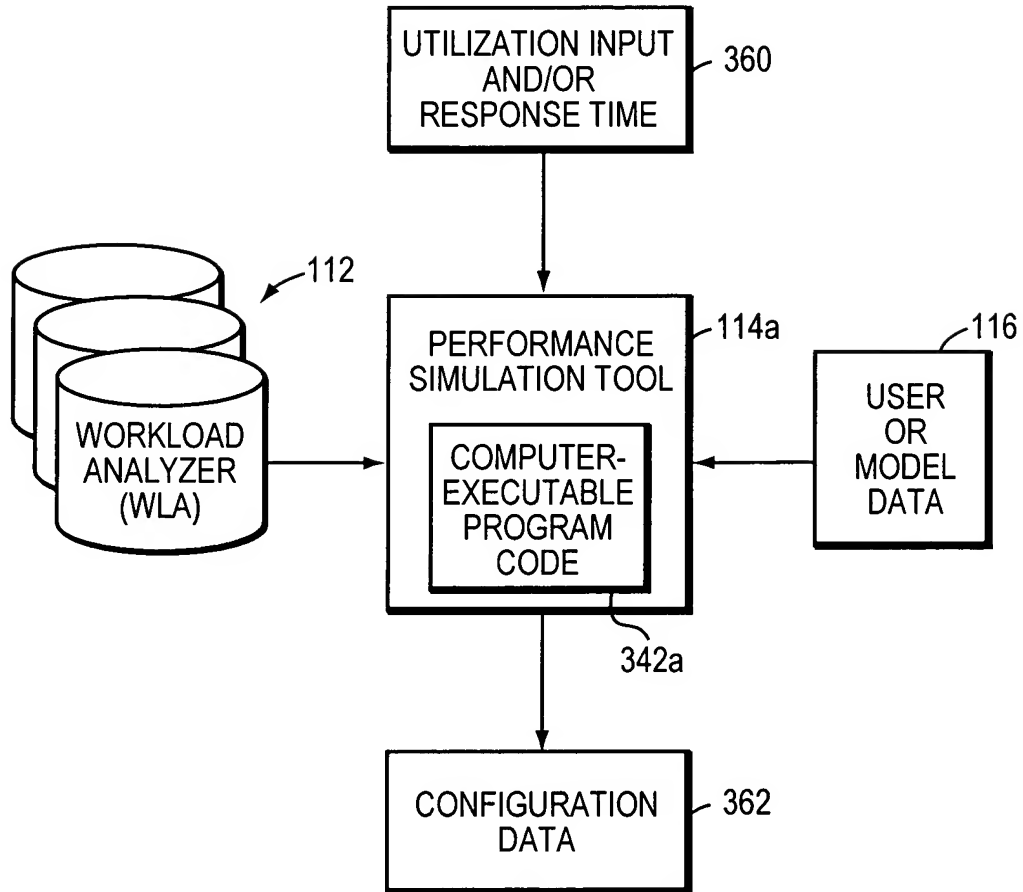


FIG. 16

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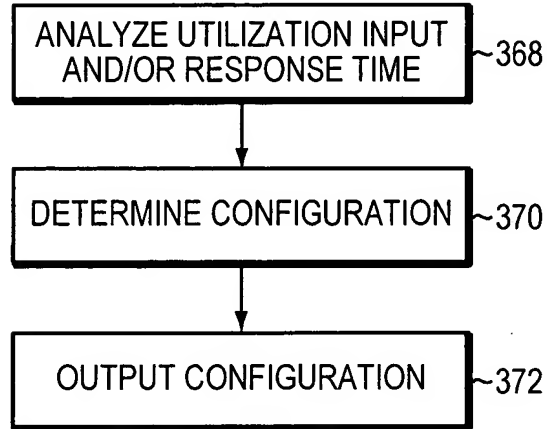


FIG. 17

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380

382

User Data

Application Workload

Total I/O Rate 5000.00

Total MB/sec: 93.75

RA-2 RDF LOAD	
0	0
0.00	0.00
0.00	0.00
0.00	0.00
WP Write (re-write)	LRU Write

20	45	10	0	25
1000.00	2250.00	500.00	0.00	1250.00
7.81	17.58	31.25	0.00	37.11
8.00	8.00	64.00	0.00	30.40
Read Hit	Read Miss	Sequential Read	WP Write (re-write)	LRU Write

Load level

heavy load

light load

OK

386

394

392

BCV disks: 0

FIG. 18

390

Application Type: OLTP2 (similar to Oracle)

396

388

Recommend Cabinet

398

Recommendation

400

Cabinet Recommendation

Usable Capacity (TB): 16

Minimum # of Hosts (Ports): 16

Recommend

Cancel

402

404

FIG. 19

18/20

406

406

408

410

412

414

416

418

420

Workload and Utilization

Capacity (TB) 16 IO per Second 5000

Response Time (ms) 10 No. FA Ports 16

☐ Change Max Utilization %

Select Workloads

Workload	% Workload	IO Size (KB)
OLTP2 ▼	100	
▼		
▼		
▼		
▼		

Save Input Parameters 412 Retrieve Stored Parameters 414 Calculate 416 Exit 418

☐ User Defined Configuration 420

FIG. 20

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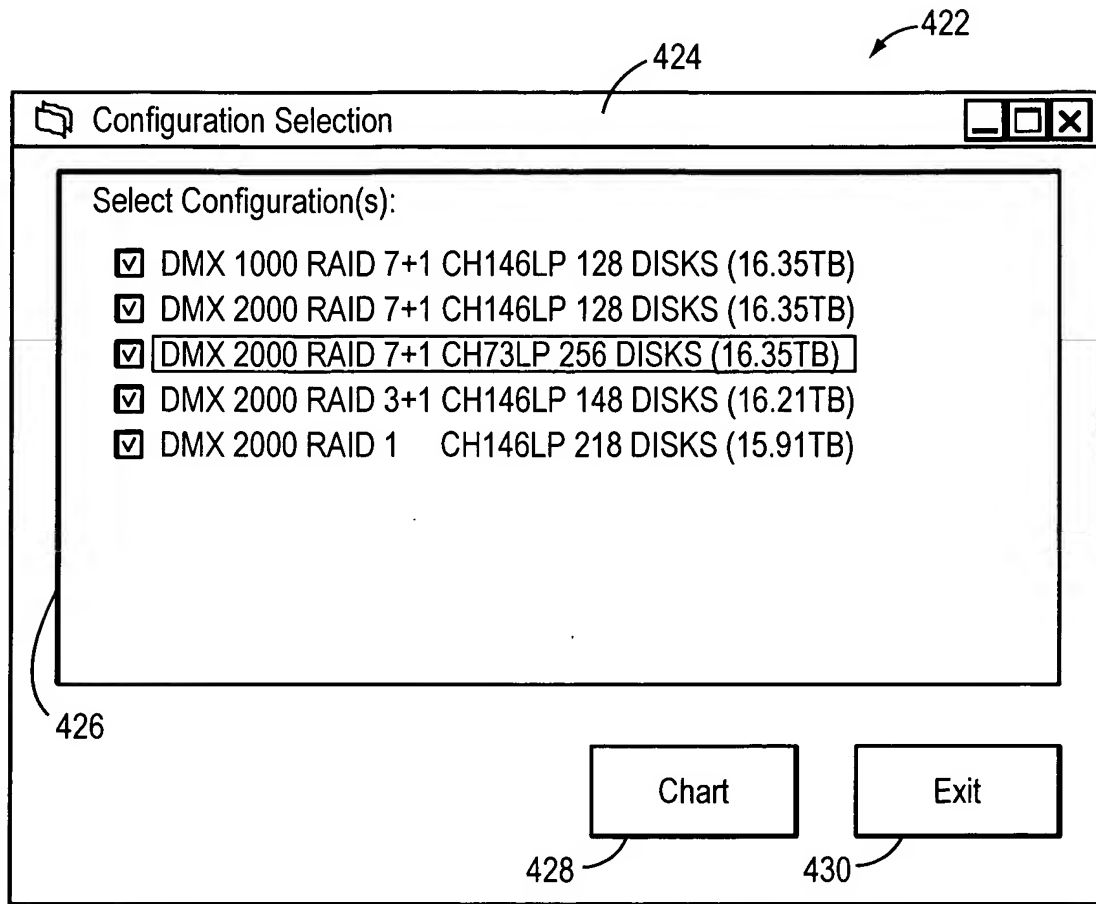


FIG. 21

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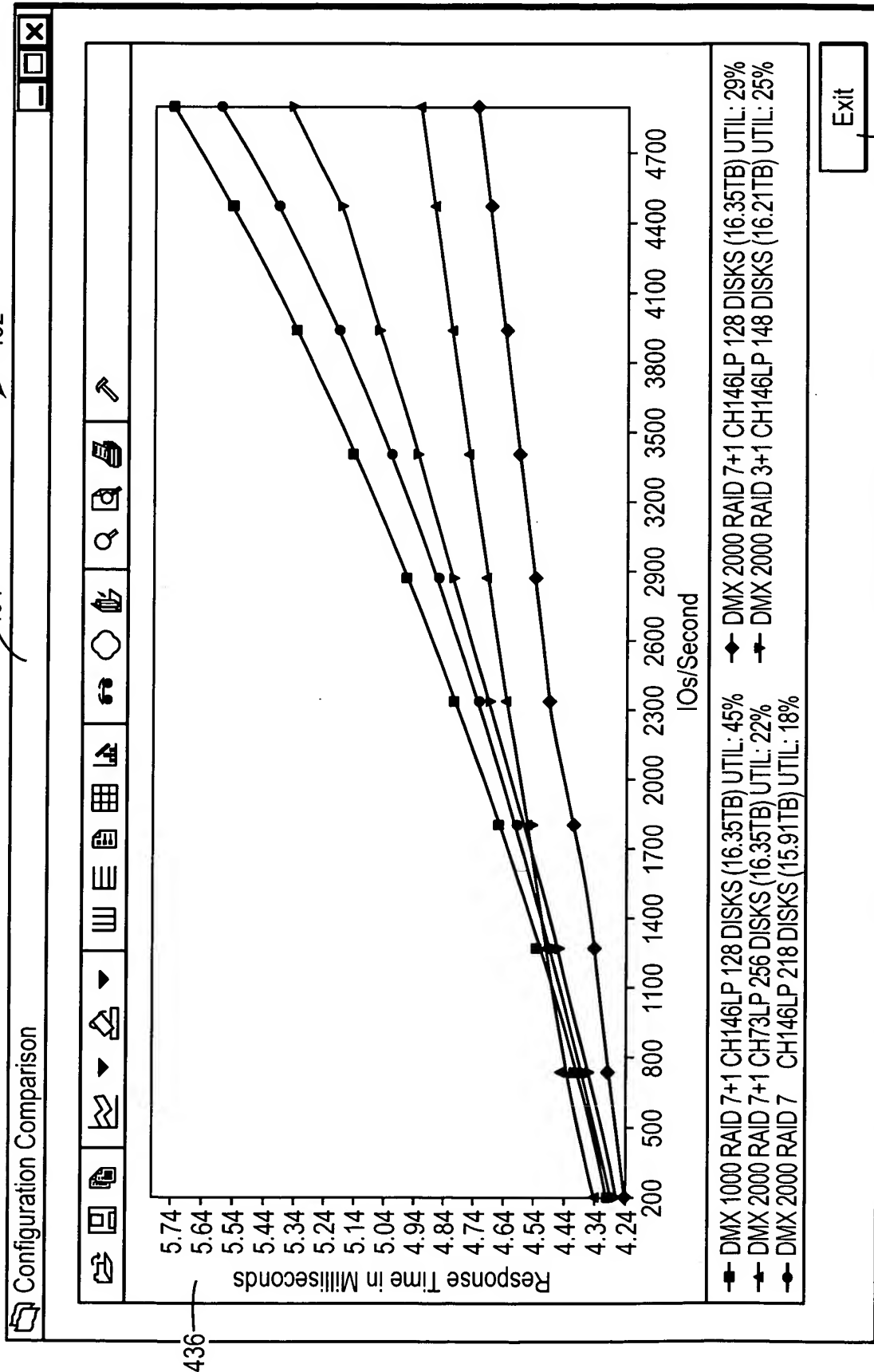


FIG. 22

438